



# 13" ROUND DIRECT

## STAGE-PRO SERIES



### C1320XT - WALL MOUNT

#### APPLICATION

13" round x 20" high XT series Stage Pro luminaire for auditorium and area lighting.

#### FEATURES

Architectural high performance LED Cylinder luminaire. Designed to illuminate auditoriums, houses of worship and other spaces where LED color quality and control are required. This series offers .1% dim to black as well as DMX, ELV and DALI dimming. Rugged design with flexible mounting, finish and LED options make these extremely versatile fixtures. Quick change LED module with interchangeable optics for job site flexibility and fixture upgrade.

#### FINISH

Multi-stage polyester powder-coat process applied on our dedicated paint lines. See mounting and color pages for standard finishes. All exposed materials are chromate pretreated to resist corrosion.

#### ELECTRONICS

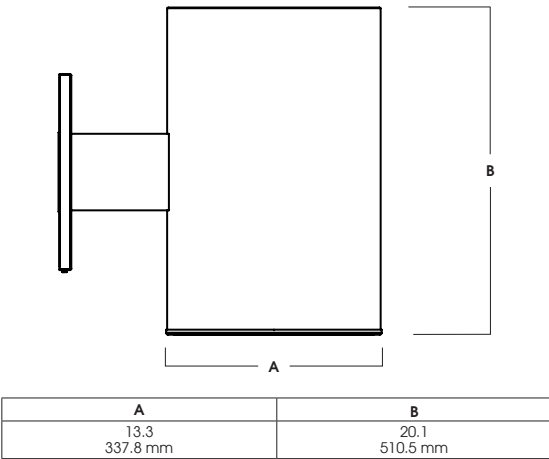
LED system features Xicato LED module with proprietary phosphor technology that provides consistent stable color with CCT control of +/- 100K over life of the light engine. Base CRI is 83 with 2-step MacAdam Ellipse binning. High CRI is 98 with 1 x 2-step MacAdam Ellipse binning. Variety of electronic 120V/277V and dimming drivers. DMX specified control will register as 4 individual unit loads on a DMX universe.

#### CONSTRUCTION

Housing constructed of .080 aluminum. Specular primary optical reflectors provide high efficiency illumination. Stainless steel hardware with galvanized steel brackets to resist corrosion.

#### CODE COMPLIANCE

BAA compliant. ETL certified to meet US and Canadian standards. Suitable for dry or damp locations. Manufactured and tested to UL standards No. 1598/8750.



Fixture Weight: 28.5 lbs

LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS <sup>1</sup>	DELIVERED LUMENS <sup>2</sup>	SYSTEM WATTS <sup>3</sup>	LPW
C1320XT52L	5200	4750	60.0	79
C1320XT80L	8000	7308	94.8	77
C1320XT120L	12000	11301	138.4	82
C1320XT160L	16000	14072	159.6	88
C1320XT200L	20000	18270	207.0	88

SERIES	LUMENS <sup>1</sup>	CCT	OPTICS	DRIVER / DIMMING <sup>6</sup>	OPTIONS <sup>9</sup>	TRIM	MOUNTING <sup>11</sup>	FINISH <sup>12</sup>			
C1320XT	52L	5200 Lm	83 CRI	XN <sup>5</sup> 12°	<b>EX</b> Electronic Driver, 120V/277V <b>DS10X</b> 10%, 0-10V, 120V/277V <b>DO10X</b> 1%, 0-10V, 120V/277V <b>DLTE1<sup>7</sup></b> Lutron 2-Wire Forward Phase (MLV), 120V <b>DL3EX<sup>7</sup></b> 1%, Lutron <sup>®</sup> EcoSystem <sup>®</sup> Fade, 120V/277V <b>ED01X</b> 0.1%, eldoLED 120V/277V <b>DALI</b> DALI Control <b>DMXS<sup>8</sup></b> DMX Standard Configuration <b>DMXC<sup>8</sup></b> DMX Non-Standard Custom	<b>FS</b> Fuse Holder and Fuse <b>SC1</b> Safety Cable	<b>TSG<sup>10</sup></b> Semi Diffuse Low Iridescent Clear <b>TCY</b> Same Color as Cylinder <b>TCC</b> Custom Color	<b>WM3</b> Wall Mount 3" Extension <b>WM5</b> Wall Mount 5" Extension <b>EMRM</b> 7W Remote EM <b>EMEN</b> 7W Remote with Enclosure	<b>MW<sup>13</sup></b> Matte White <b>MB<sup>13</sup></b> Matte Black <b>PT<sup>13</sup></b> Platinum Silver <b>CC</b> Custom Color See Page 5 for Full Range of Color Options (83-90095)		
	80L	8000 Lm	27K	2700K						ND	25°
	120L	12000 Lm	30K	3000K						MD	38°
	160L	16000 Lm	35K	3500K						WD	55°
	200L	20000 Lm	40K	4000K						XW	58°
				98 CRI <sup>4</sup>							
			27HK	2700K							
			30HK	3000K							
			35HK	3500K							
			40HK	4000K							

**EXAMPLE:** C1320XT80L27KNDEX/TSG/WM5/MW

**NOTES:**  
 1 Nominal Source Lumens At Any CCT 2 Nominal Delivered Lumens at 83 CRI at Any CCT with MD-TSG-MW 3 At 83 CRI 4 120L Max 5 80L Max 6 Contact Factory for Additional Options 7 200L Not Available with Lutron Drivers  
 8 Contact Factory 9 See Product Options Page for Details 10 See Mounting Page for Details on Components and Finishes 11 See Color Page for More Options/Consult Factory for Special Finishes 12 Standard Finishes



PROJECT: \_\_\_\_\_  
 QUANTITY: \_\_\_\_\_ TYPE: \_\_\_\_\_



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## STAGE-PRO SERIES / FIXTURE OPTIONS



### STANDARD FINISHES

**MW**  
MATTE WHITE



**MB**  
MATTE BLACK

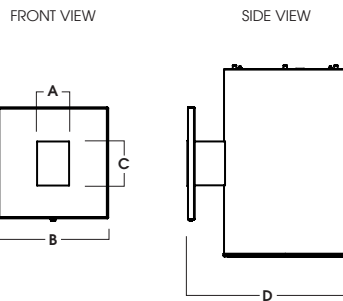


**PT**  
PLATINUM SILVER



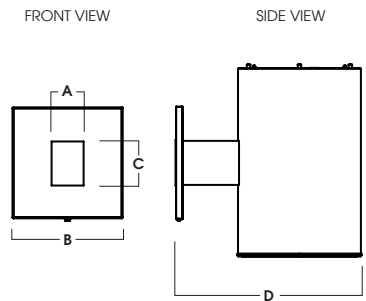
### WALL MOUNT DETAIL

**WM3**  
WALL MOUNT 3" EXTENSION



A	B	C	D
2.4	6.4	4.7	17.0
61.0 mm	162.6 mm	119.4 mm	431.8 mm

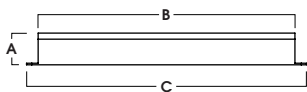
**WM5**  
WALL MOUNT 5" EXTENSION



A	B	C	D
2.4	6.4	4.7	19.7
61.0 mm	162.6 mm	119.4 mm	500.4 mm

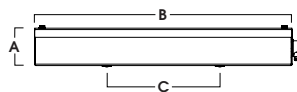
### EMERGENCY BATTERY OPTIONS

**EMRM\*** - 7W REMOTE EMERGENCY BATTERY  
(50' MAX)



A	B	C
1.3	12.6	13.0

**EMEN\*** - 7W REMOTE EMERGENCY BATTERY  
WITH ENCLOSURE (50' MAX)



A	B	C
2.0	17.0	6.2

\*OTHER EM BATTERY SIZES AVAILABLE. CONSULT FACTORY

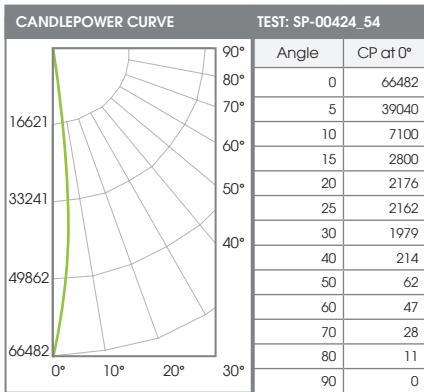


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## STAGE-PRO SERIES / PHOTOMETRIC DATA



### C1320XT-80LxxK-XNEX-TSG-MW



ZONAL LUMENS		
0-10	2955	49%
0-20	4043	67%
0-30	5017	84%
0-40	5814	97%
0-60	5934	99%
0-80	5991	100%
0-90	5996	100%
Total Lumens	5996	100%

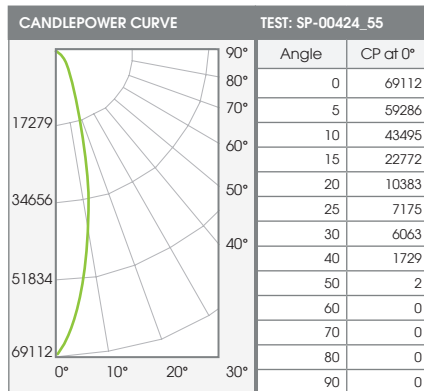
### 80L XTRA NARROW - 83 CRI

SINGLE UNIT: PERFORMANCE			
INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
10'	665	2.1'	329
12'	462	2.5'	228
16'	260	3.3'	128
20'	166	4.1'	82
24'	115	5.0'	57
28'	85	5.8'	42
32'	65	6.6'	32
36'	51	7.4'	25

\* From aperture to horizontal surface below.  
\*\* At IESNA defined Beam Angle, to 50% Max. CP.

Delivered Lumens: 5996    CP @ 0° (Nadir): 66482    Spacing Ratio: 0.22  
 Luminaire Watts: 142    Beam Angle: 11.8°    Output Multipliers: 52L x 0.65  
 LER: 42    CRI: 83

### C1320XT-200LxxK-NDEX-TSG-MW



ZONAL LUMENS		
0-10	5205	28%
0-20	11940	65%
0-30	15466	84%
0-40	17907	98%
0-60	18337	100%
0-80	18337	100%
0-90	18337	100%
Total Lumens	18337	100%

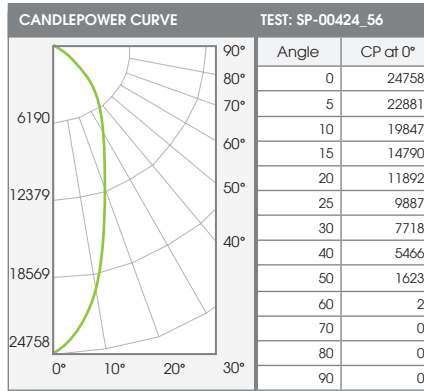
### 200L NARROW - 83 CRI

SINGLE UNIT: PERFORMANCE			
INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
10'	691	4.4'	329
12'	480	5.3'	229
16'	270	7.1'	129
20'	173	8.9'	82
24'	120	10.6'	57
28'	88	12.4'	42
32'	67	14.2'	32
36'	53	16.0'	25

\* From aperture to horizontal surface below.  
\*\* At IESNA defined Beam Angle, to 50% Max. CP.

Delivered Lumens: 18337    CP @ 0° (Nadir): 69112    Spacing Ratio: 0.42  
 Luminaire Watts: 207    Beam Angle: 25°    Output Multipliers: 52L x 0.26, 80L x 0.4, 120L x 0.62, 160L x 0.77  
 LER: 89    CRI: 83

### C1320XT-200LxxK-MDEX-TSG-MW



ZONAL LUMENS		
0-10	2100	11%
0-20	6356	35%
0-30	10840	59%
0-40	14792	81%
0-60	18269	100%
0-80	18270	100%
0-90	18270	100%
Total Lumens	18270	100%

### 200L MEDIUM - 83 CRI

SINGLE UNIT: PERFORMANCE			
INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
10'	248	6.9'	111
12'	172	8.3'	77
16'	97	11.0'	43
20'	62	13.8'	28
24'	43	16.5'	19
28'	32	19.3'	14
32'	24	22.0'	11
36'	19	24.8'	9

\* From aperture to horizontal surface below.  
\*\* At IESNA defined Beam Angle, to 50% Max. CP.

Delivered Lumens: 18270    CP @ 0° (Nadir): 24758    Spacing Ratio: 0.6  
 Luminaire Watts: 207    Beam Angle: 38°    Output Multipliers: 52L x 0.26, 80L x 0.4, 120L x 0.62, 160L x 0.77  
 LER: 88    CRI: 83



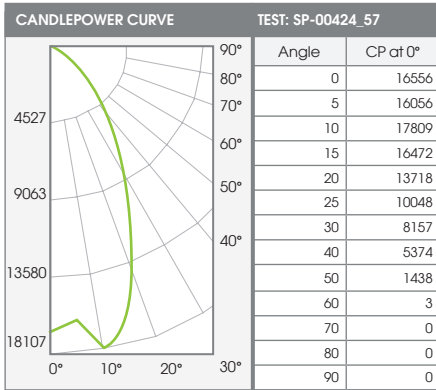
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## STAGE-PRO SERIES / PHOTOMETRIC DATA



### C1320XT-200LxxK-WDEX-TSG-MW

### 200L WIDE - 83 CRI



Beam Angle	Lumens	%
0-10	1610	9%
0-20	6125	34%
0-30	10942	60%
0-40	15084	83%
0-60	18204	100%
0-80	18205	100%
0-90	18205	100%
Total Lumens	18205	100%

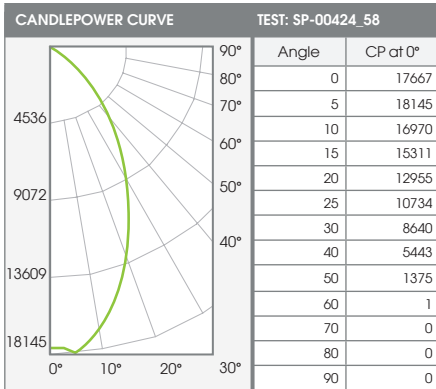
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
10'	166	10.4'	65
12'	115	12.5'	45
16'	65	16.7'	25
20'	41	20.8'	16
24'	29	25.0'	11
28'	21	29.2'	8
32'	16	33.3'	6
36'	13	37.5'	5

\* From aperture to horizontal surface below.  
\*\* At IESNA defined Beam Angle, to 50% Max. CP.

Delivered Lumens: 18205 CP @ 0° (Nadir): 16556 Spacing Ratio: 0.9  
 Luminaire Watts: 207 Beam Angle: 55° Output Multipliers: 52L x 0.26, 80L x 0.4, 120L x 0.62, 160L x 0.77  
 LER: 88 CRI: 83

### C1320XT-200LxxK-XWEX-TSG-MW

### 200L XTRA WIDE - 83 CRI



Beam Angle	Lumens	%
0-10	1675	9%
0-20	5952	33%
0-30	10873	59%
0-40	15291	84%
0-60	18292	100%
0-80	18293	100%
0-90	18293	100%
Total Lumens	18293	100%

Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
10'	177	11.1'	68
12'	123	13.3'	47
16'	69	17.7'	26
20'	44	22.2'	17
24'	31	26.6'	12
28'	23	31.0'	9
32'	17	35.5'	7
36'	14	39.9'	5

\* From aperture to horizontal surface below.  
\*\* At IESNA defined Beam Angle, to 50% Max. CP.

Delivered Lumens: 18293 CP @ 0° (Nadir): 17667 Spacing Ratio: 0.88  
 Luminaire Watts: 207 Beam Angle: 58° Output Multipliers: 52L x 0.23, 80L x 0.4, 120L x 0.62, 160L x 0.77  
 LER: 88 CRI: 83



# COLOR OPTIONS - POWDER COAT PAINT FINISHES

NOTE: NO PRINTED IMAGE CAN EQUAL THE EXACT COLOR OF FINISH ON METAL.  
SEE INDIVIDUAL SPECIFICATION SHEETS OR CONSULT FACTORY FOR ADDITIONAL INFORMATION.



## STANDARD CORD / STEM / CANOPY FINISHES

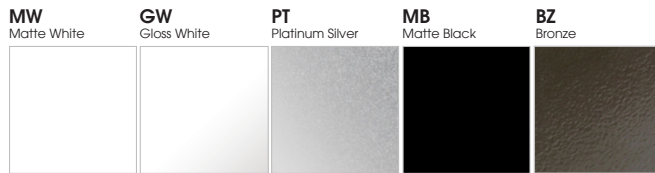
FIXTURE COLOR	STANDARD CORD COLOR	STANDARD CANOPY / STEM COLOR
Matte White, Textured White	Matte White	Matte White
Gloss White	Matte White	Gloss White
Matte Black, Textured Black	Matte Black	Matte Black
All Others	Matte Black	Same Color as Fixture
Custom Color	Contact Factory	Contact Factory

## PAINT TIMES

TIER	COST	AVERAGE PAINT TIME*
Tier 1 - Standard Finishes	\$	⌚
Tier 2 - Typical Finishes	\$\$	⌚⌚
Custom Color	Contact Factory	Contact Factory

\*CONTACT FACTORY FOR SPECIFIC PRODUCT LEAD TIMES

## TIER 1 - STANDARD FINISHES



## TIER 2 - TYPICAL FINISHES



## CUSTOM COLOR FINISHES

CONTACT FACTORY

CC  
Custom Color



\*UNAVAILABLE FOR WET LOCATION

